Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_

**AP Biology: Unit 3, DBA #2 Review**

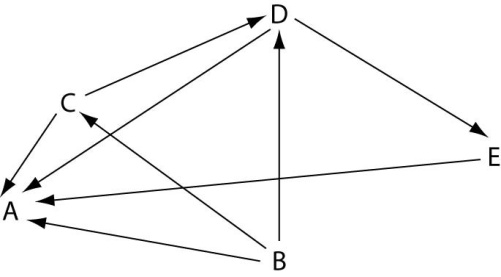
Ms. OK, 2014-2015

**Objectives Assessed:** Topic 2 (Community Ecology), Learning Targets C-E

***Practice Questions:*** *Answer the following questions thoroughly and accurately in preparation for your Daily Biology Assessment.*

1. When slug species A and slug species B live in the same community, Species A eats leaves and species B eats moss. When species B is removed from the community, Species A eats both leaves and moss. What can you infer about the fundamental and realized niches of species A in this community?

2. For the situation described above, what can you infer about the realized niche of species B? Can you infer anything about the fundamental niche of species B? Why or why not?



3. For the food web shown to the right, which organism is a producer? How do you know? What is another term for producer?

4. For the food web shown above, which organism is likely a decomposer? How do you know? What is another term for decomposer?

5. If there are 34 KJ of energy stored in organisms at the quaternary consumer level, how many KJ of energy are stored at the primary consumer level within this community?

6. Describe the difference between gross primary productivity and net primary productivity. *(Hint: You may want to refer to your Energy Dynamics Lab.)*